

PART 1: GENERAL

1.01 Requirements:

A. Metering:

1. Building utilities are required to be metered including but not limited to: chilled water, hot water, domestic water and electricity. Building BTU metering shall also be provided in accordance with SHSU Standards and construction details. Locate hydronic metering equipment inside a machine room. Provide isolation valves and/or bypasses to accommodate meter service.
2. For buildings with mixed occupancy (E&G and non-E&G), provide sub-metering to properly allocate utility costs between organizations. Coordinate sub-metering requirements with the University.

B. Valves:

1. Provide valves with extended stems to be accessible on outside of insulation. Valve body and stem shall be insulated. sure relief valv
 - supply and return piping.
 - Shut off valves shall be provided at each floor, AHU, and FCU
 - All hydronic isolation valves shall be integral gasketed butterfly valves.
 - Flow control valves for ATU & AHU 1-1/4" or smaller shall be ball valves, greater than 1-1/4" globe valves.
 - GATE VALVES ARE NOT ALLOWED

C. Hangers and Supports:

1. NO ROOF TOP UNITS for Residence Life Buildings without prior approval

D. Vibration and Sound Control:

1. All pumps shall be floor mounted

E. Mechanical Identification:

Hr4.7 ninte6:4-2.6 (o)10.9M(:)-8.3a(e)-1.7 (r)-3.9k(o)10.9 a(e)-1.7l(6)8.3l(:4-2.6 (o)18.3pint)-4.6p (6)8.
